

Title (en)

Metal tube clad optical fiber cable.

Title (de)

Faseroptisches Kabel mit Metallrohrmantel.

Title (fr)

Câble de fibres optiques revêtu d'un tube métallique.

Publication

EP 0523473 A1 19930120 (EN)

Application

EP 92111297 A 19920703

Priority

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- JP 16552691 A 19910705
- JP 16552791 A 19910705
- JP 16552891 A 19910705
- JP 30741491 A 19911122

Abstract (en)

A connector for connecting an optical fiber cable to an equipment adaptor, a flexible metal tube clad optical fiber cable including a flexible metal tube through which an optical fiber core rod extends and which is used for connection with an equipment, a relay adaptor for providing a connection between cables of different kinds, and a seamless metal tube clad optical fiber cable including a seamless tube through which an optical fiber core rod extends and which is used for wiring over a relatively long distance are disclosed individually and in combinations. The connector is connected to the flexible metal tube clad optical fiber cable, which is then connected through the relay adaptor to the seamless metal tube clad optical fiber cable. A certain element of the connector is formed of an insulator to provide an electrical isolation between the metal tube and the equipment adaptor.
<IMAGE>

IPC 1-7

G02B 6/44

IPC 8 full level

G02B 6/38 (2006.01); **G02B 6/44** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [A] US 5024503 A 19910618 - GUNN DUNCAN A [GB], et al
- [AD] PATENT ABSTRACTS OF JAPAN vol. 014, no. 114 (P - 1015)
- [A] PATENT ABSTRACTS OF JAPAN vol. 008, no. 007 (P - 273)<1538> 12 May 1984 (1984-05-12)
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 292 (E - 782)<3640> 6 July 1989 (1989-07-06)

Cited by

EP0668521A1; US5992206A; EP2426535A4; WO03019262A3

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EP 0523473 A1 19930120; **EP 0523473 B1 19961204**; DE 69215591 D1 19970116; DE 69215591 T2 19970515; HK 1003126 A1 19981009; KR 100232047 B1 19991201; KR 930002846 A 19930223; US 5280552 A 19940118

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